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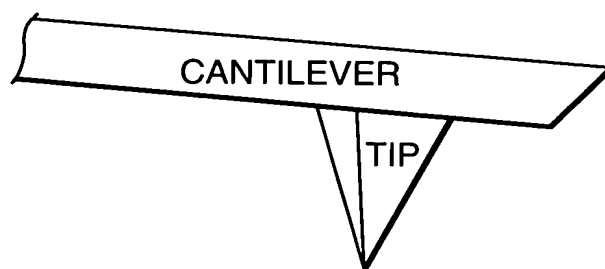


FIG. 1A

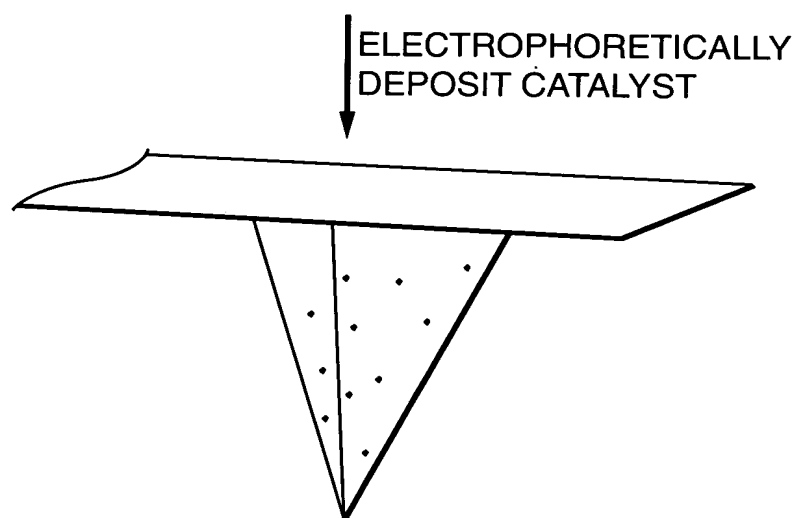


FIG. 1B

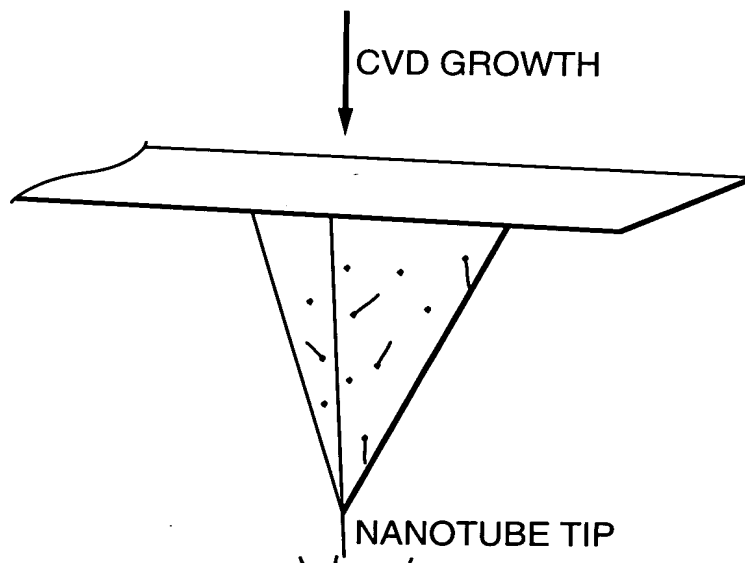


FIG. 1C

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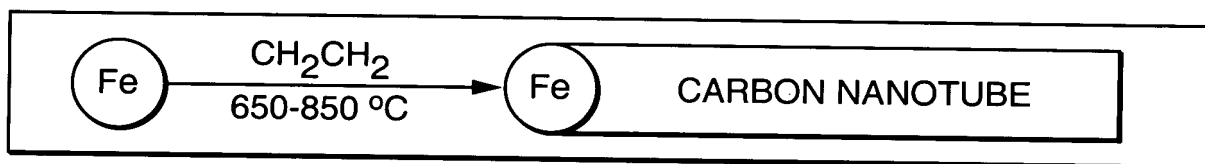


FIG. 2A

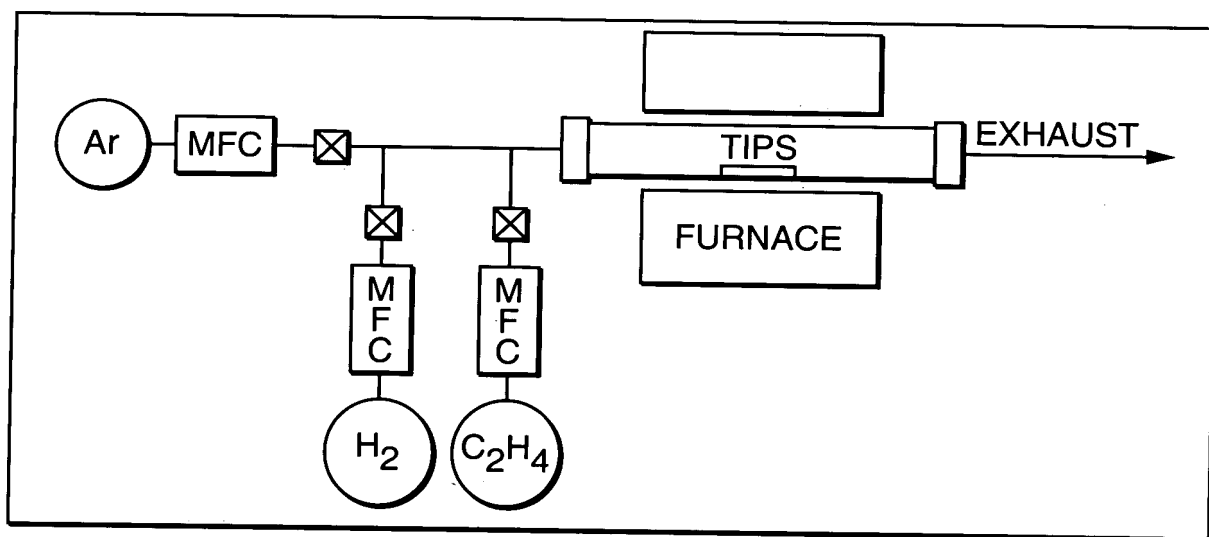


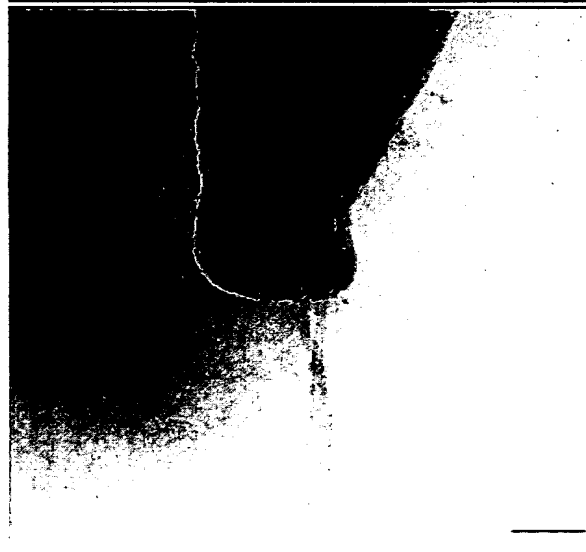
FIG. 2B



— FIG. 3A



— FIG. 3B



— FIG 3C

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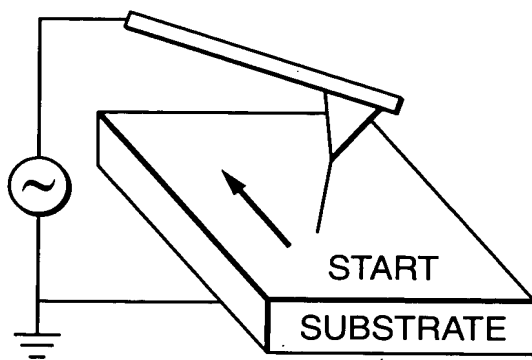


FIG. 4A

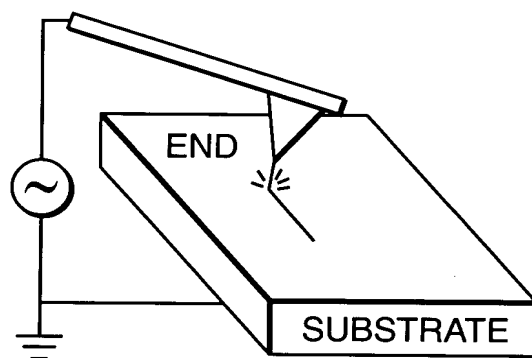


FIG. 4B

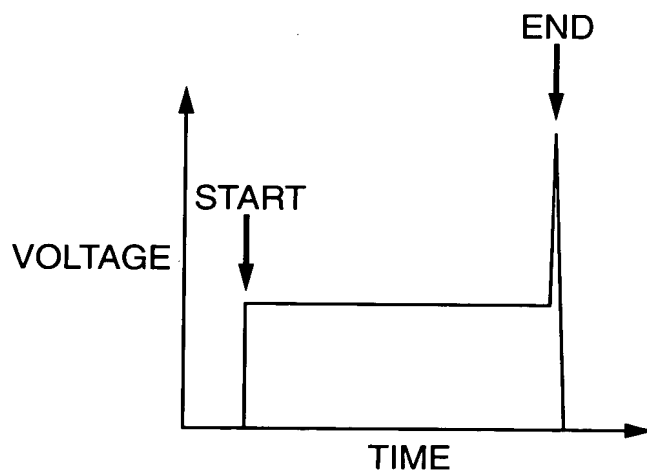


FIG. 4C

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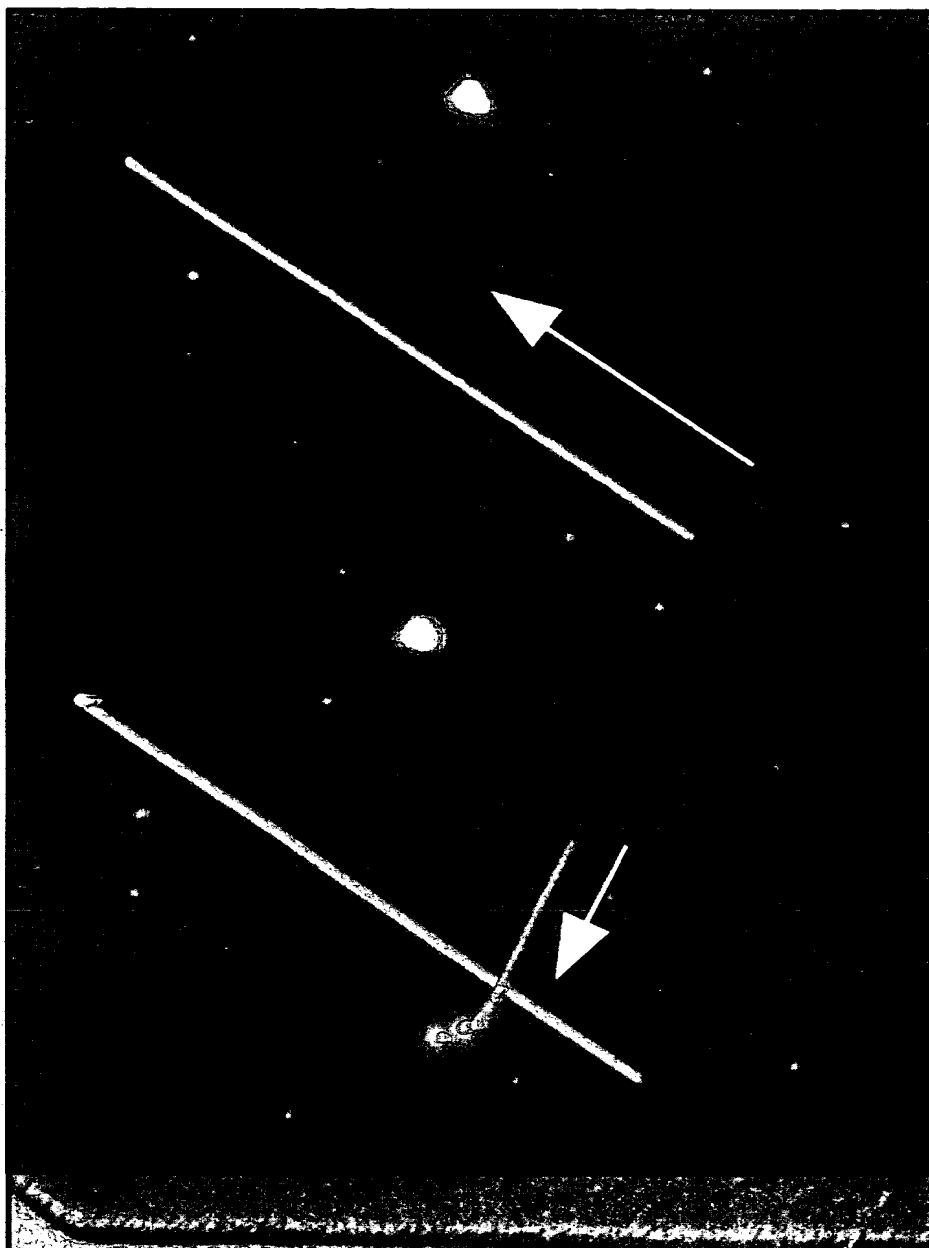


FIG. 5A

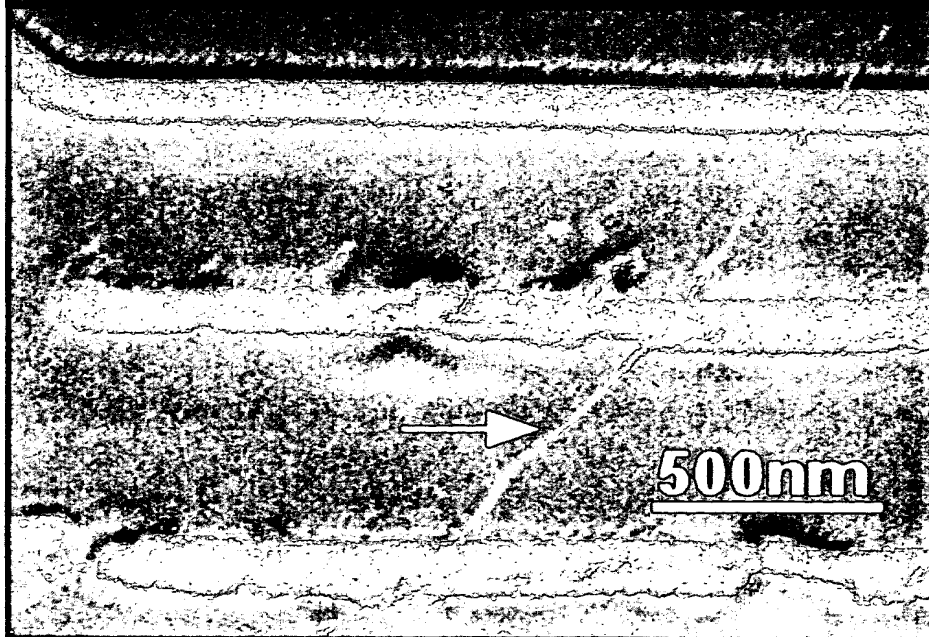


FIG. 5B

FIG. 5C

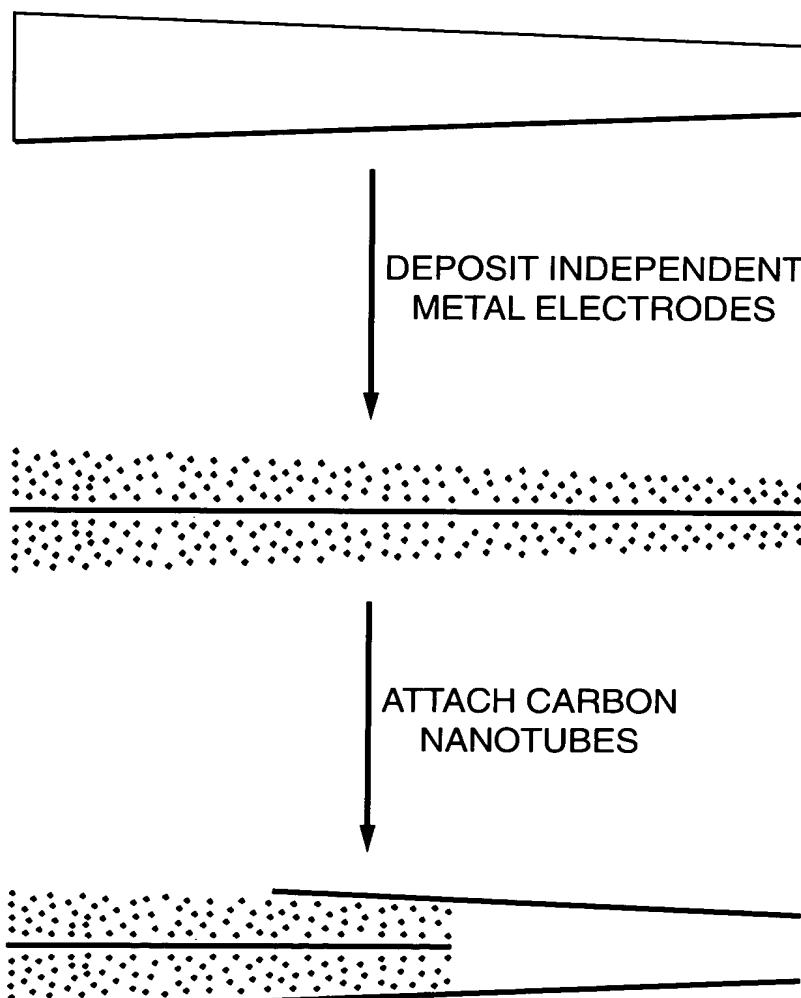


FIG. 6A

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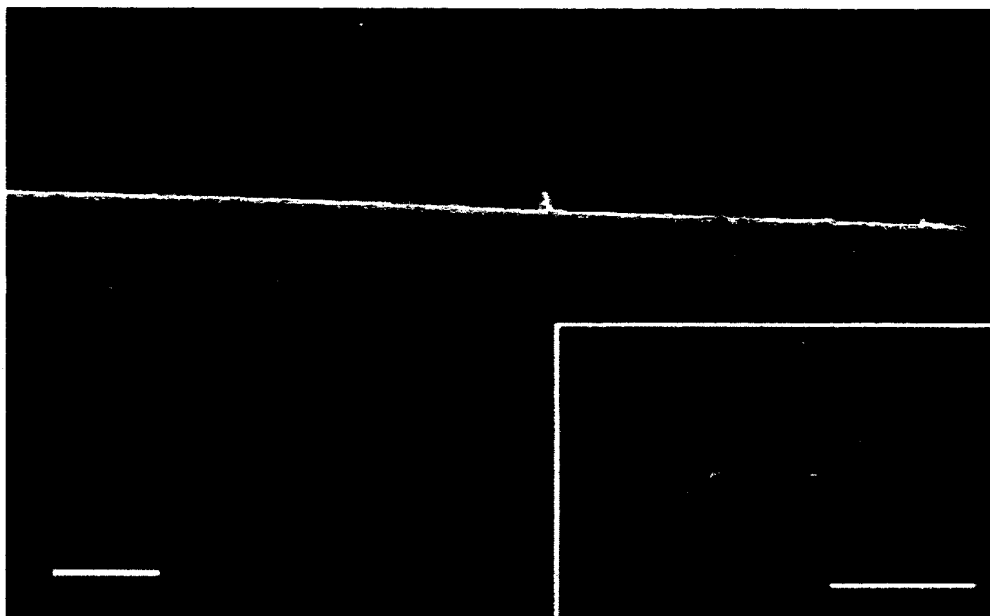


FIG. 6B

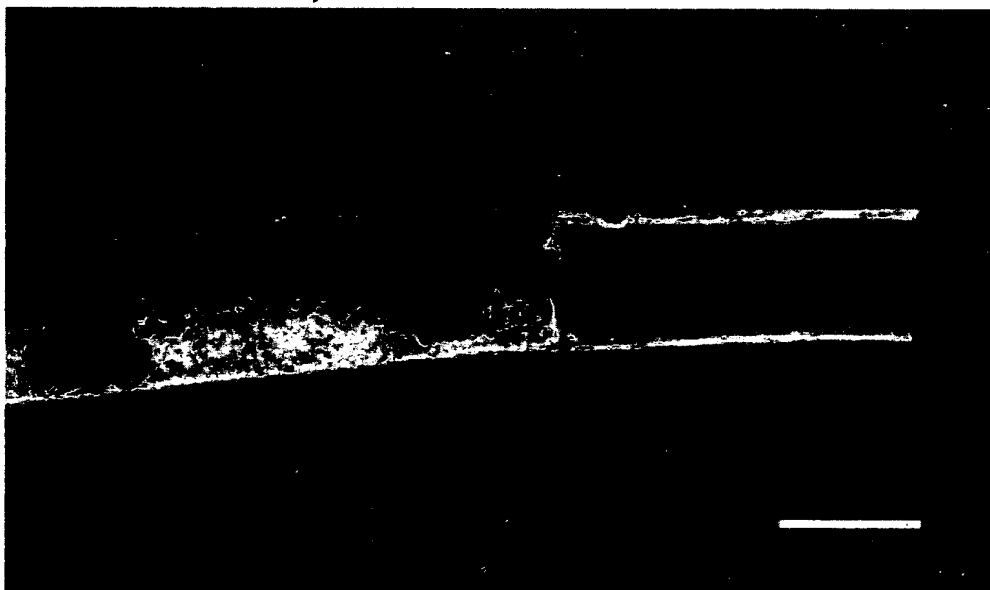


FIG. 6C

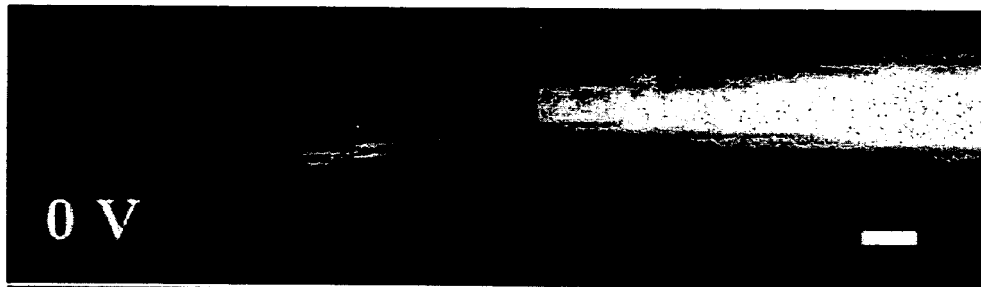


FIG. 7A

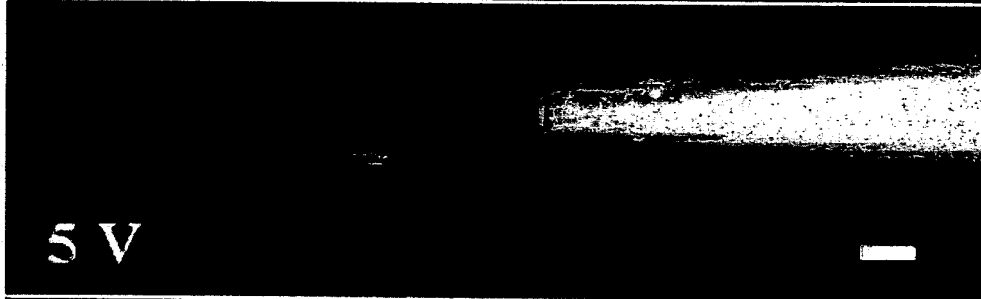


FIG. 7B

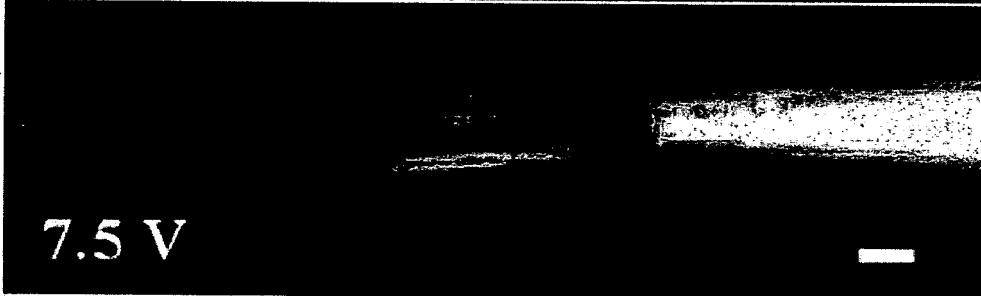


FIG. 7C

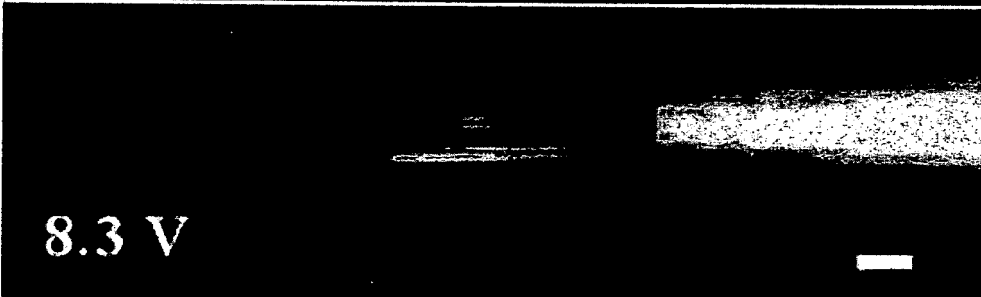


FIG. 7D



FIG. 7E

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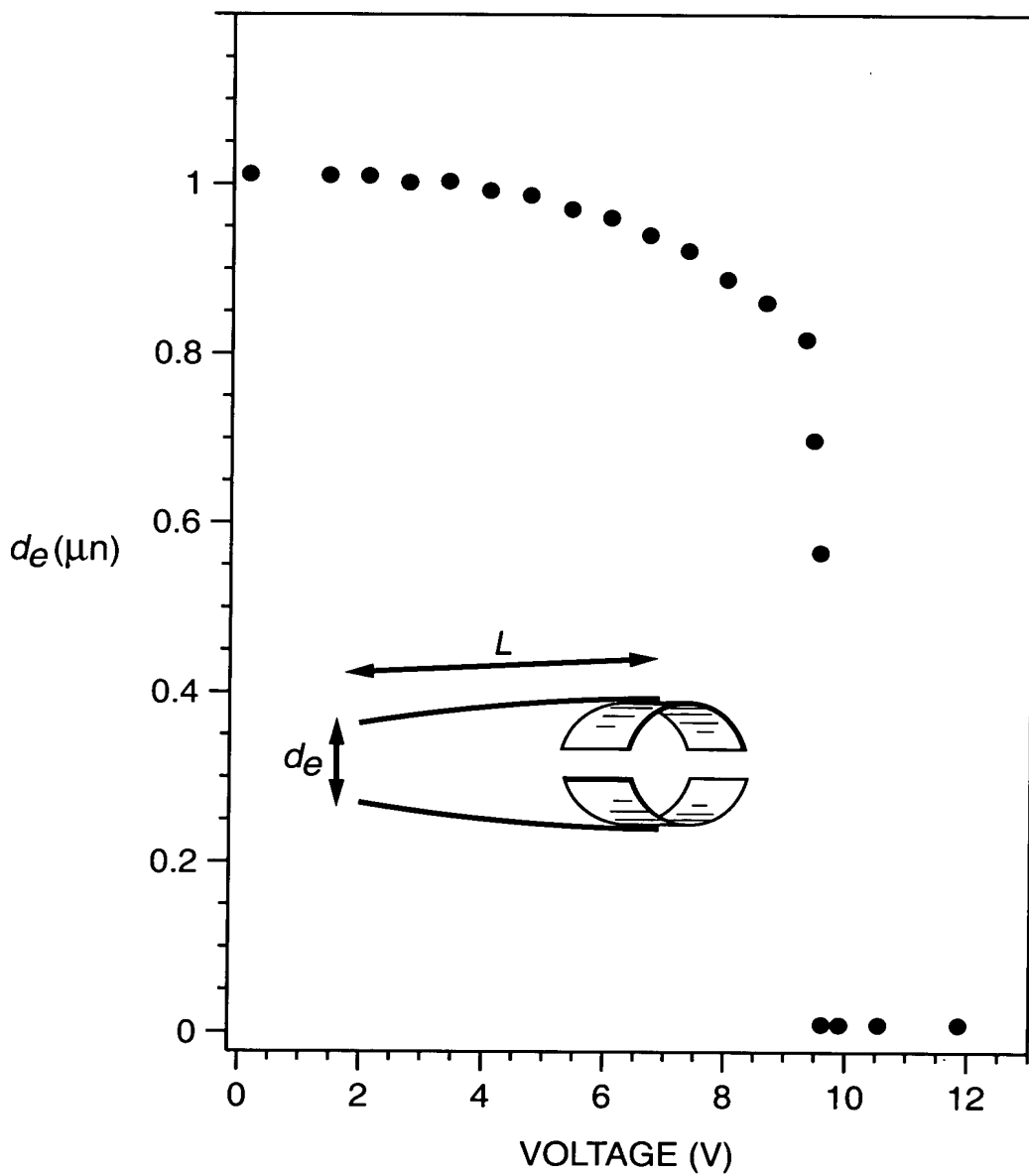


FIG. 7F

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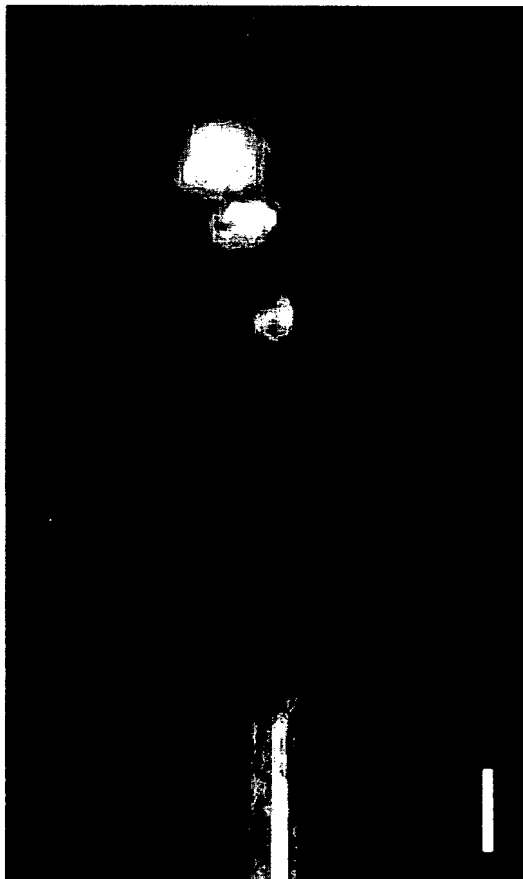


FIG. 8A

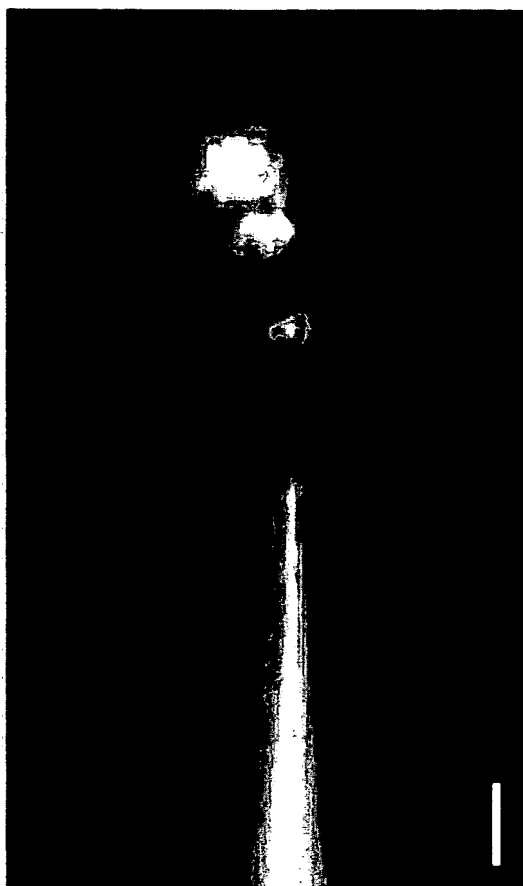


FIG. 8B

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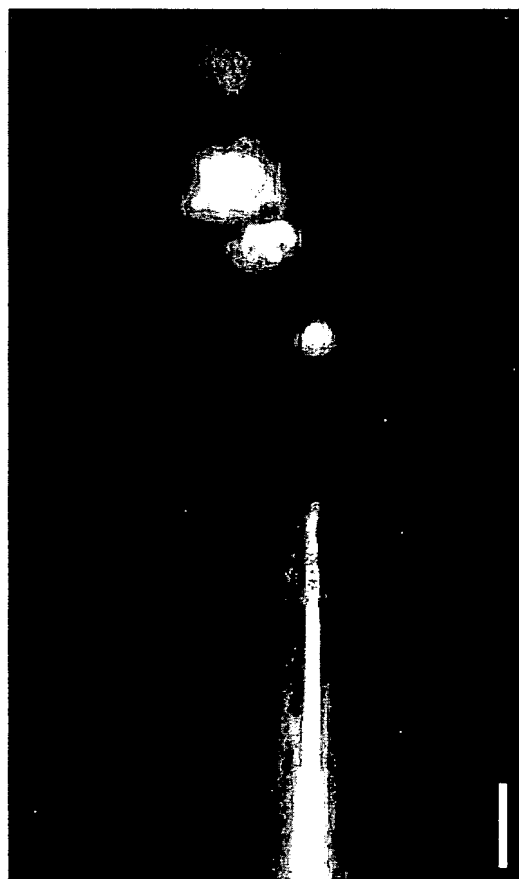


FIG 8C

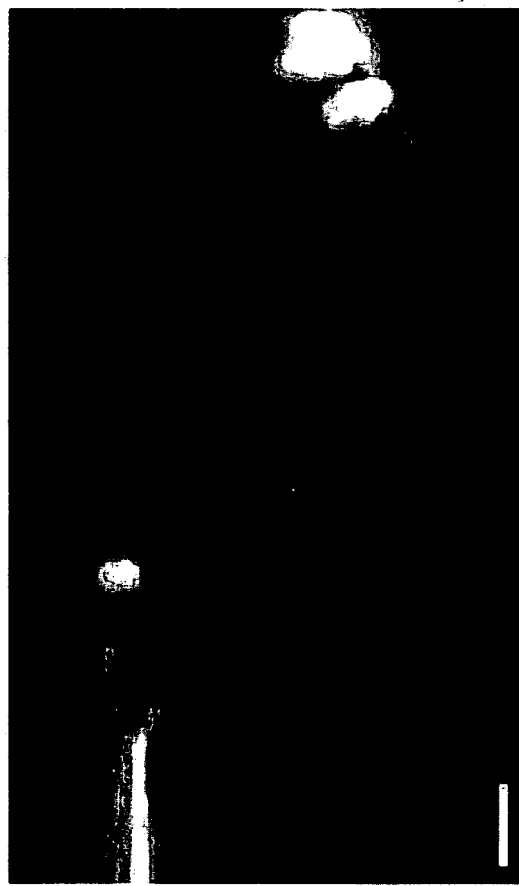


FIG 8E

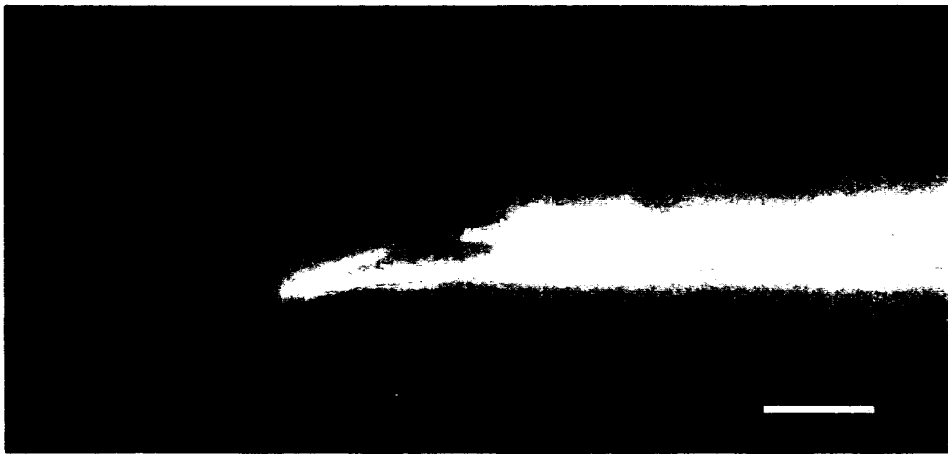


FIG. 9A

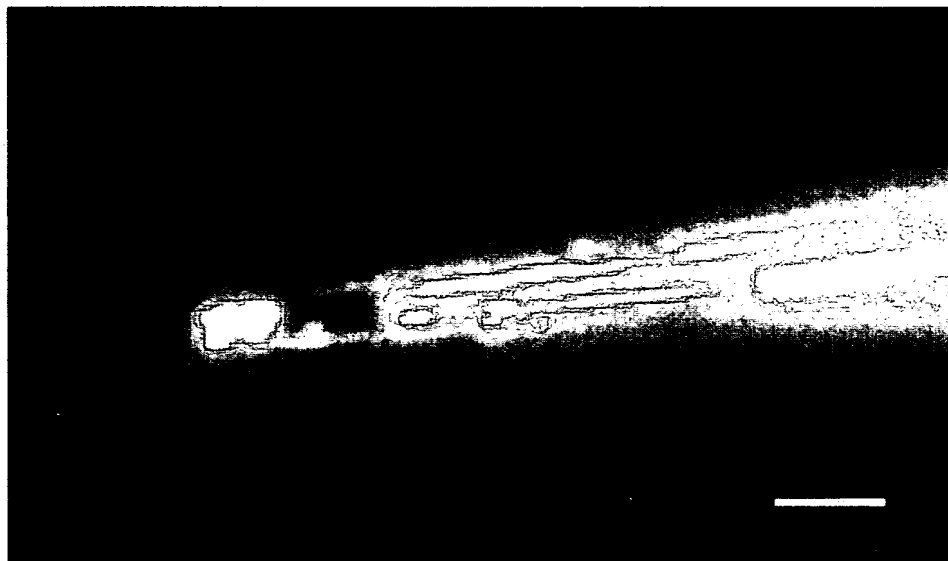


FIG. 9B



FIG. 9C

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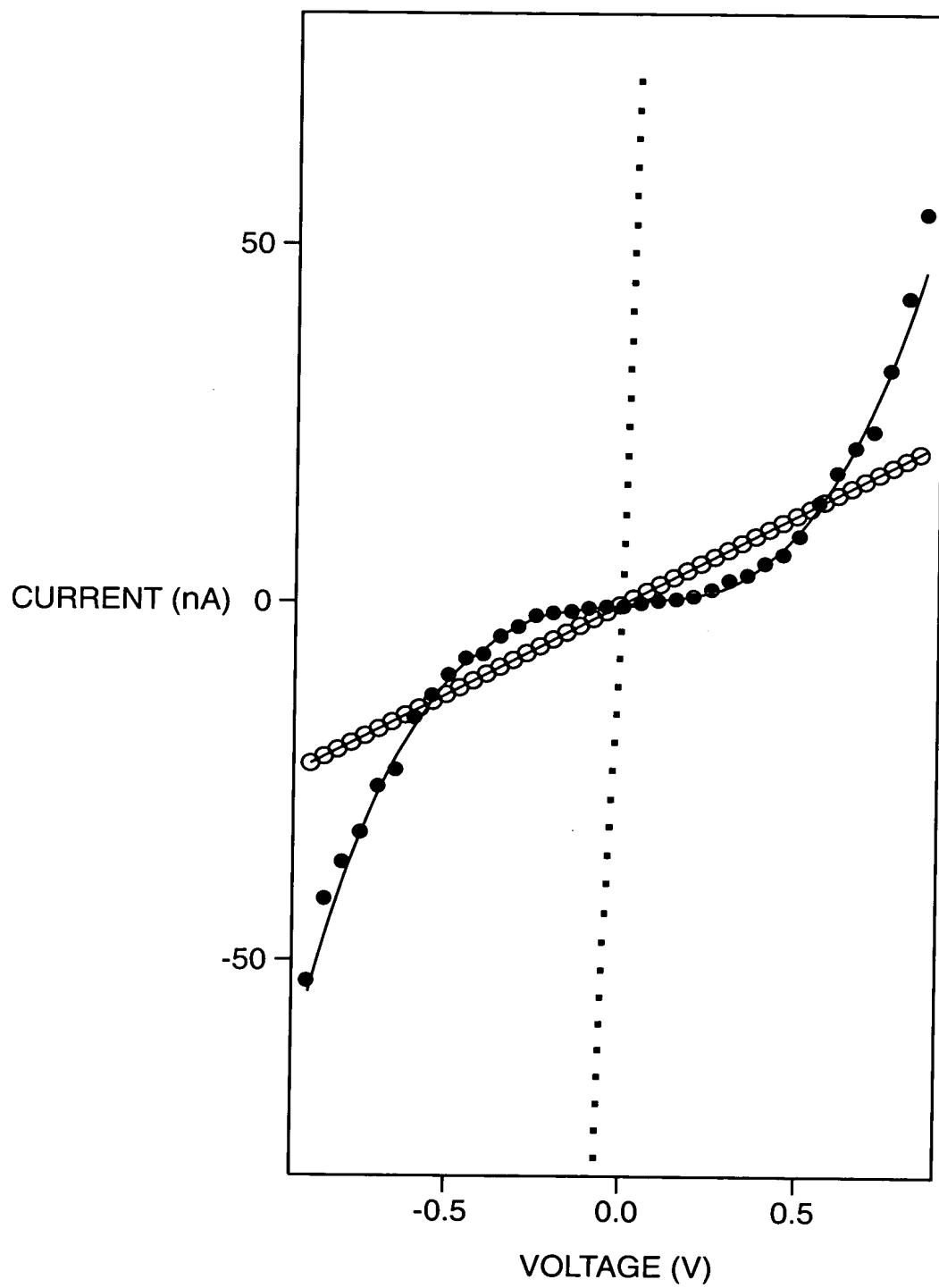
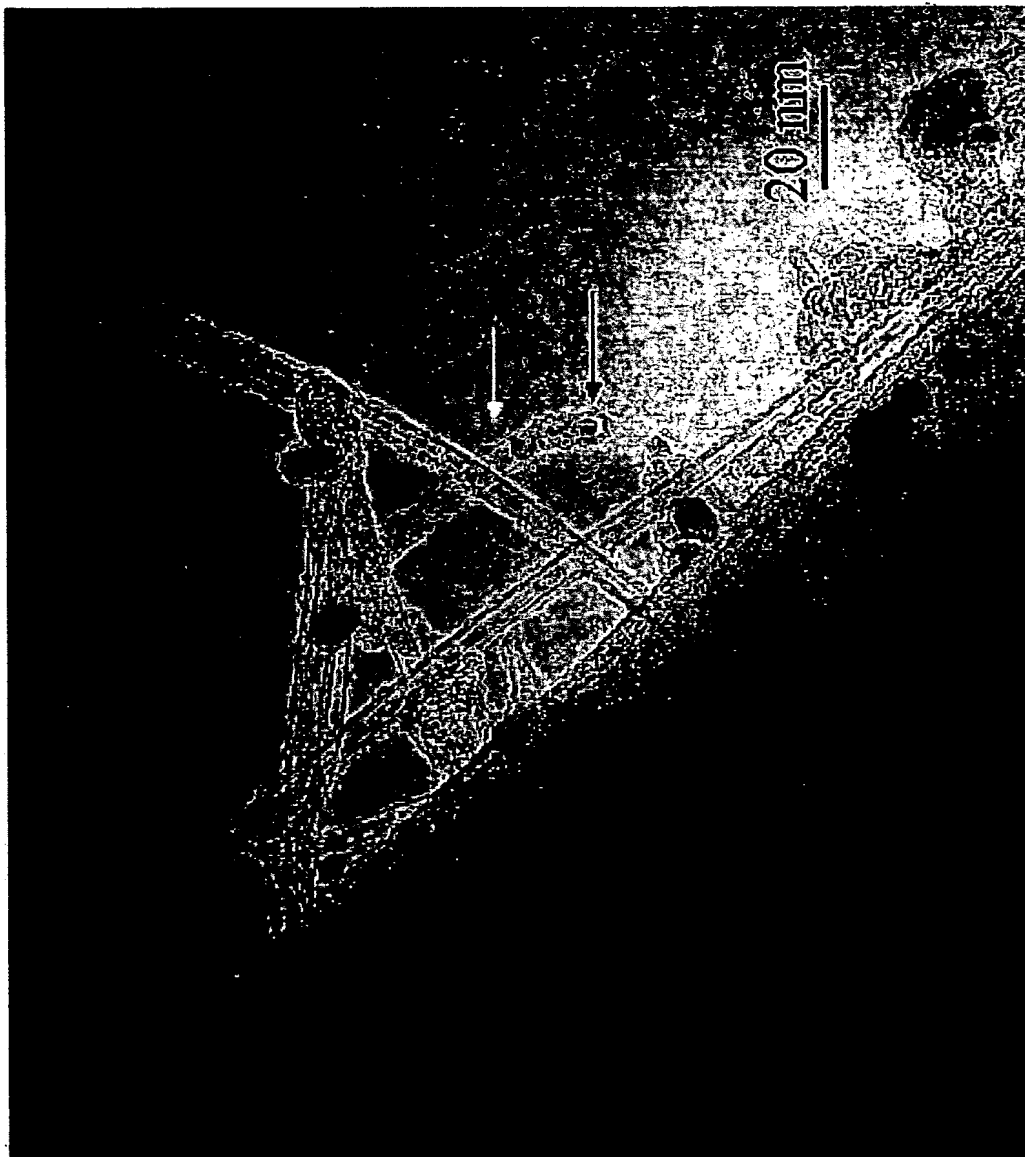


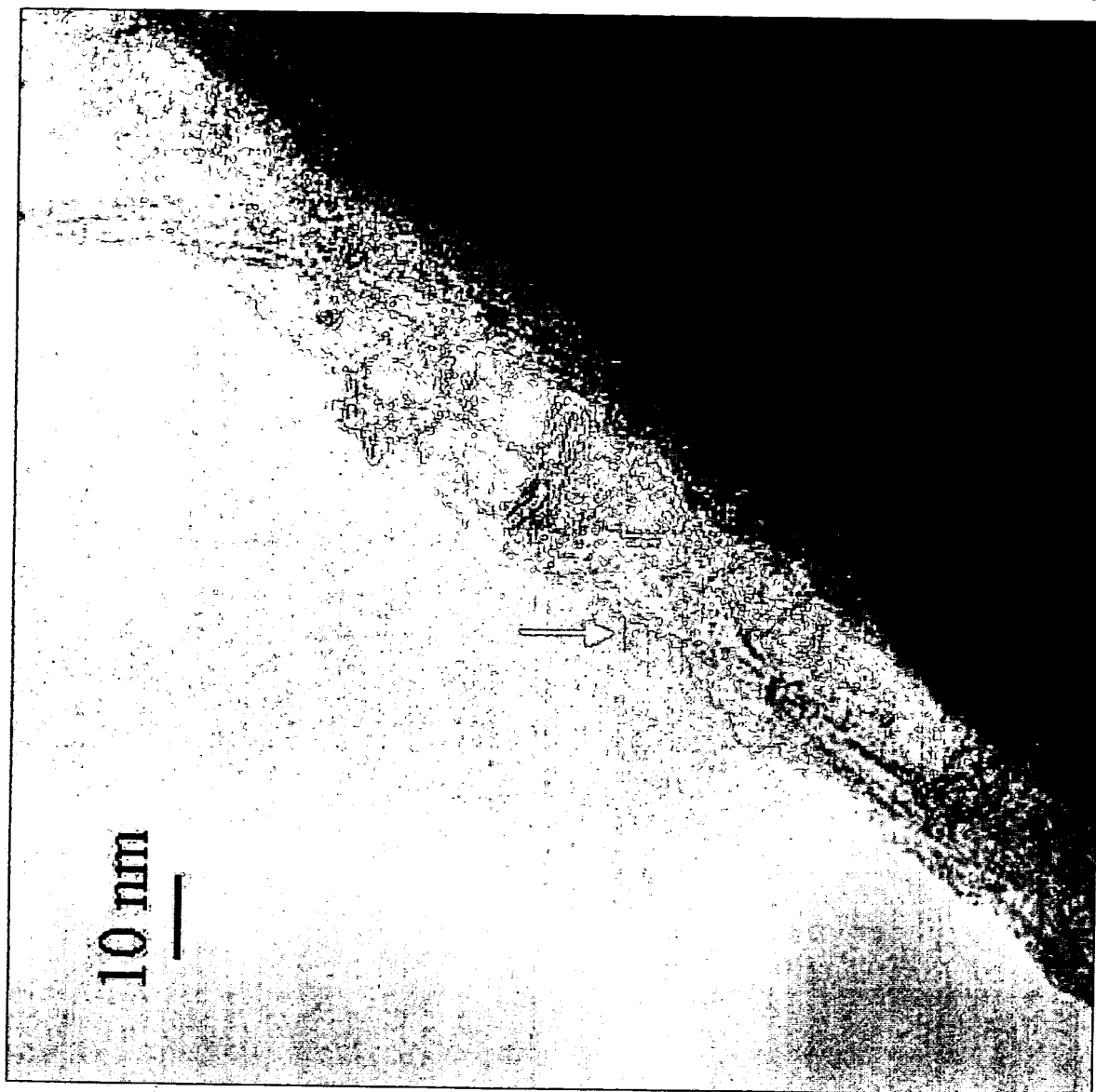
FIG. 9D



Catalyst: FeOx 6L (black arrow) Majority of catalyst size: 4-6nm
Carbon Source: C₂H₄, SWNT (white arrow) Majority of SWNT size: 4nm

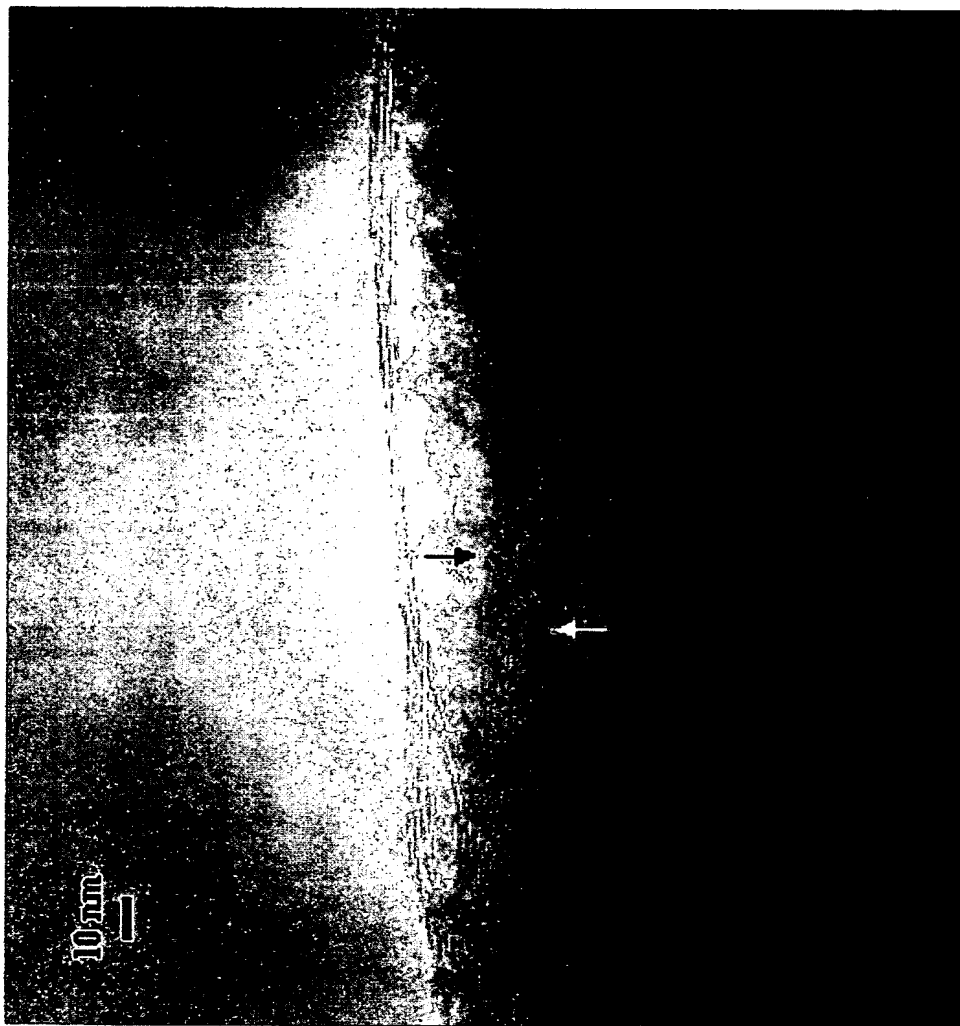
FIG 10

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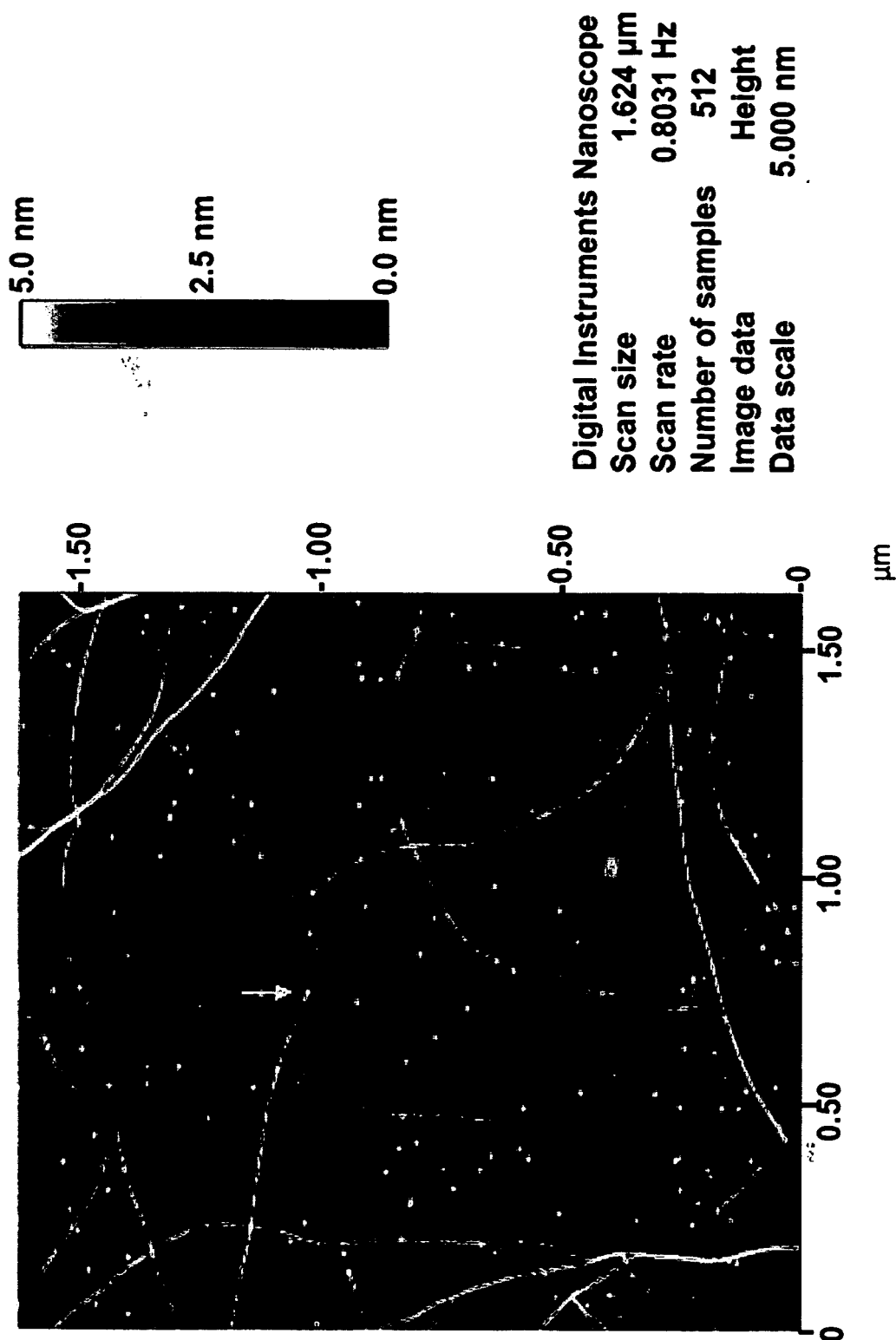
Catalyst: FeOx 2L
Carbon source: CO
0.8 nm SWNT (white arrow)

FIG 11



Catalyst: FeOx 2L (black arrow)
Carbon source: CO, SWNT (white arrow)
Majority of catalyst size: 1.5-3.5 nm
Majority of nanotube size: 1.3-2.3 nm

FIG. 12



Catalyst: FeOx 6L (white arrow)
Carbon source: C_2H_4 , SWNT (black arrow)

FIG 13

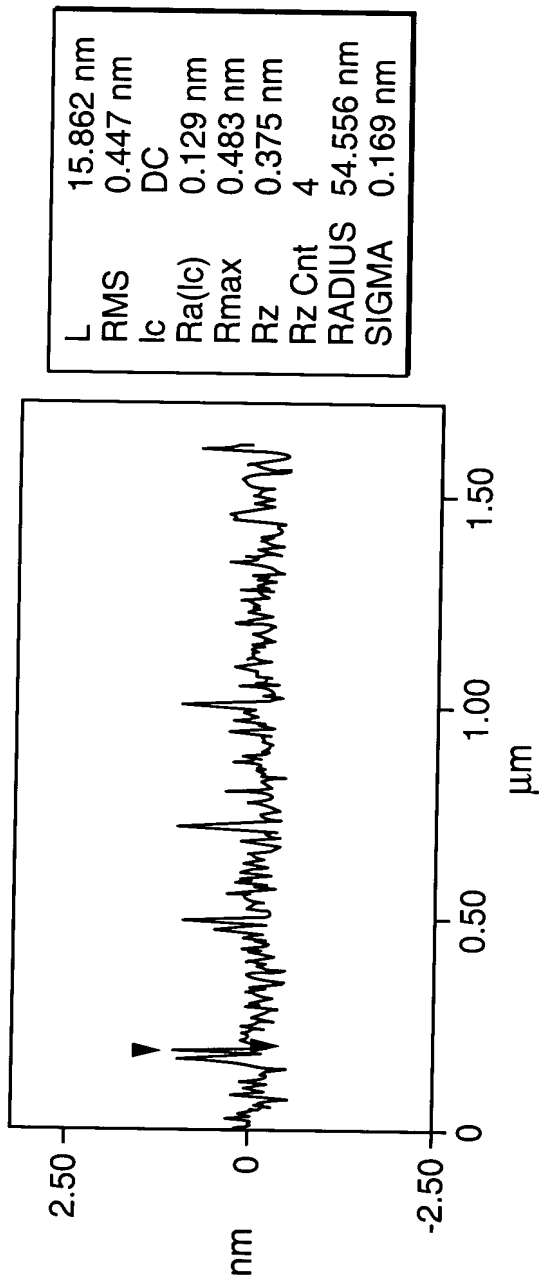


FIG. 14A



FIG. 14B

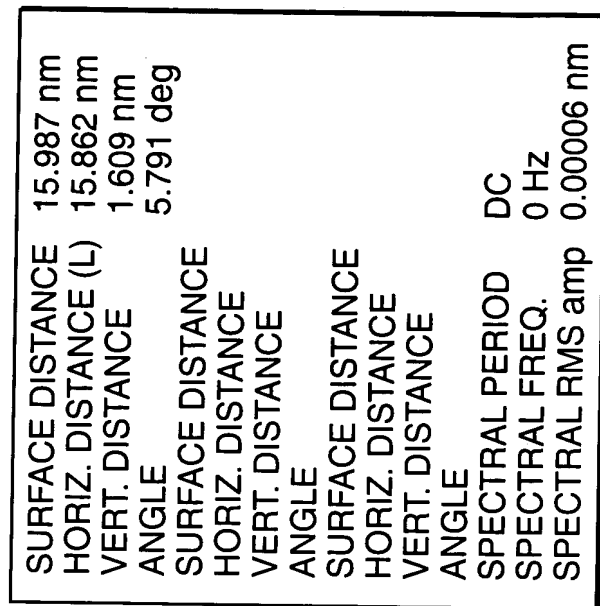


FIG. 14C

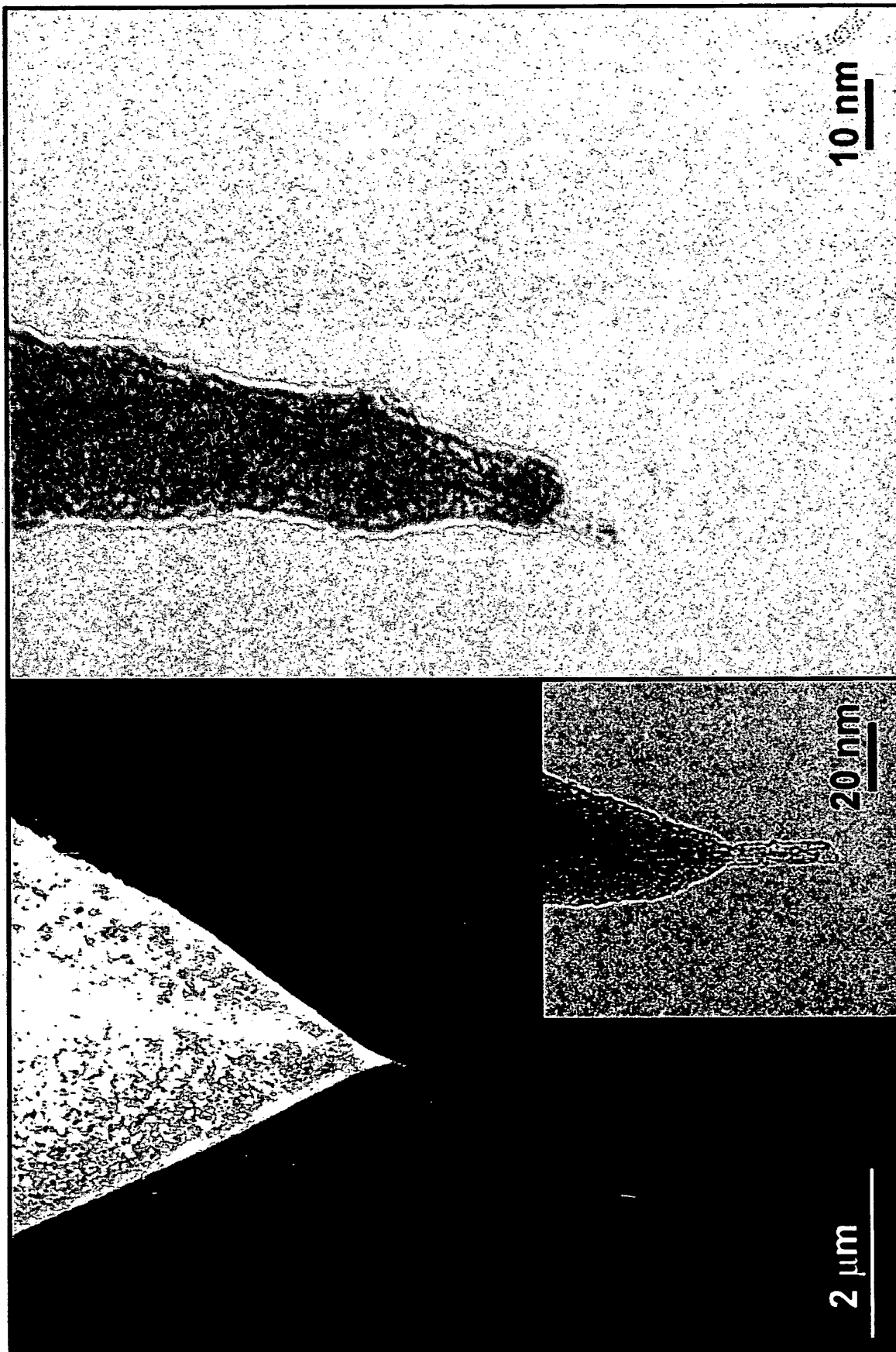


FIG. 15A

FIG. 15B